



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 3rd grade COURSE NAME: Math
MEASUREMENT TOPIC: Explain Equivalence and Compare Fractions

4	In addition to Score 3, the student makes in-depth inferences and applications. The student can: <ul style="list-style-type: none">Analyze a fraction comparison and justify their response.
3	The student can: <ul style="list-style-type: none">Explain equivalence of fractions using visual fraction models and number lines.<ul style="list-style-type: none">Express whole numbers as fractions.Recognize fractions that are equivalent to whole numbers.Compare two fractions by reasoning about their size using visual fraction models and number lines with the same numerator or same denominator using $<$, $>$, or $=$ and justify conclusions.
2	The student can: <ul style="list-style-type: none">Understand that two fractions are equivalent if they are the same size or the same point on the number line.Recognize equal shares of identical wholes do not have to have the same shape.Understand when comparing fractions, you must compare the same size wholes.Draw multiple equal-sized wholes.

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With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: equivalent fractions, whole, reasoning, numerator, denominator, fraction bars, fraction circles, diagrams, equivalence, visual fraction model, number line, reasoning, comparison, point, area, length model